



**Arizona Department of Water Resources**  
Water Management Support Section  
P.O. Box 33589 Phoenix, Arizona 85067-3589  
(602) 771-8500 • (800) 352-8488  
www.azwater.gov

## Request to Change Well Information

- ❖ Review instructions prior to completing form in black or blue ink.
  - ❖ You must include with your Notice:
    - check or money order for any required fee(s)
  - ❖ Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § 45-113(B)
- \*\* PLEASE PRINT CLEARLY \*\***

FILE NUMBER

WELL REGISTRATION NUMBER  
**55 - 549151**

<b>Well Owner</b>		<b>Location of Well</b>					
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Curis Resources (Arizona) Ltd.		WELL LOCATION ADDRESS (IF ANY)					
MAILING ADDRESS 1575 West Hunt Highway		TOWNSHIP (N/S) 4S	RANGE (E/W) 9E	SECTION 28	160 ACRE NW ¼	40 ACRE SE ¼	10 ACRE NW ¼
CITY / STATE / ZIP CODE Florence, AZ 85132		LATITUDE Degrees Minutes Seconds ° ' " N		LONGITUDE Degrees Minutes Seconds ° ' " W			
CONTACT PERSON NAME AND TITLE		METHOD OF LATITUDE/LONGITUDE (CHECK ONE) <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Hand-Held *IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE) <input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):					
TELEPHONE NUMBER	FAX	COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK MAP PARCEL			COUNTY WHERE WELL IS LOCATED		

### Type of Request (CHECK ONE)

- ☐ Change of Well Drilling Contractor (Fill out Section 2) ☒ Change of Well Ownership (Fill out Section 3) ☐ Change of Well Information (location, use, etc.) (Fill out Section 4)

**\$10 FEE**

- ♦ If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.

<b>Current Well Drilling Contractor</b>		<b>New Well Drilling Contractor</b>	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	
DWR LICENSE NUMBER		DWR LICENSE NUMBER	ROC LICENSE CATEGORY
TELEPHONE NUMBER	FAX	TELEPHONE NUMBER	FAX

**\$10 FEE**

- ♦ If this change pertains to more than one well and the names are the same, only one \$10 fee is required.

<b>Previous Well Owner</b>		<b>New Well Owner</b>	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Florence Copper Inc.		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Curis Resources (Arizona) Ltd.	
MAILING ADDRESS 975 Johnson Ferry Road Suite 450		MAILING ADDRESS 1575 West Hunt Highway	
CITY / STATE / ZIP CODE Atlanta, GA 30342		CITY / STATE / ZIP CODE Florence, AZ 85132	
CONTACT PERSON NAME AND TITLE		CONTACT PERSON NAME AND TITLE	
TELEPHONE NUMBER (404) 495-9577	FAX	TELEPHONE NUMBER	FAX

**NO FEE**

**NOTE:** Applies only to wells that have already been drilled. For proposed wells, an amended Notice of Intent to Drill a Well must be filed.

EXPLAIN Common Well Name P19-1-O

- ☐ By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. (See instructions.)

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE  
Michael McPhie, Director

SIGNATURE OF WELL OWNER

DATE

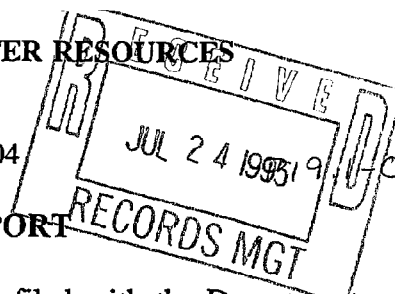
*[Signature]* 5/17/10

## ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division  
500 North 3rd Street  
Phoenix, Arizona 85004

\*

## WELL DRILLER REPORT



This report should be prepared by the driller in all detail and filed with the Department within 30 days following completion of the well.

1. Owner Name: MAGMA COPPER COMPANY  
Address: 14605 WEST HUNT HIGHWAY FLORENCE ARIZONA 85232  
Street City State Zip
2. Driller Name: ARIZONA BEEMAN DRILLING LLC.  
Address: P.O. Box 3370 APACHE JUNCTION AZ 85217  
Street City State Zip
3. Location: 4 N/S 9 B/W 28 1/4 SW 1/4 SE 1/4 NW  
Township Range Section 10-acre 40-acre 160-acre
4. Well Registration No. 55- 549151 (Required)
5. Permit No. 59-549028 (If issued)

## DESCRIPTION OF WELL

6. Total depth of hole 680 ft.
7. Type of casing 6 5/8" Sch. 80 PVC
8. Diameter and length of casing 6 5/8 in. from -2.0 to 621.2, in from \_\_\_\_\_ to \_\_\_\_\_
9. Method of sealing at reduction points \_\_\_\_\_
10. Perforated from \_\_\_\_\_ to \_\_\_\_\_, from \_\_\_\_\_ to \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_
11. Size of cuts \_\_\_\_\_ Number of cuts per foot \_\_\_\_\_
12. If screen was installed: Length 197 ft. Diam 6 5/8 in. Type 0.080" slot, Sch. 80 PVC
13. Method of construction DRILLED  
(drilled, dug, driven, bored, jetted, etc)
14. Date started JUNE 2 1995  
Month Day Year
15. Date completed JUNE 4 1995  
Month Day Year
16. Depth to water 156 ft. (If flowing well, so state)
17. Describe point from which depth measurements were made, and give sea-level elevation if available  
top of casing
18. If flowing well, state method of flow regulation: \_\_\_\_\_
19. Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DO NOT WRITE IN THIS SPACE  
OFFICE RECORD

55-549151  
D(4-9)28BDC

ENTERED JUL 26 1995

## LOG OF WELL

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which encountered, and depth to which it rose in well.

[illegible]

I hereby certify that this well was drilled by me (or under my supervision), and that each and all statements herein contained are true to the best of my knowledge and belief.

Driller Name: Az. Beeman Drilling LLC  
P.O. BOX 3370  
 Street: Apache Junction Az 85217 983-2547  
 City State Zip Phone No.  
July 18, 1995  
 Date

**ARIZONA DEPARTMENT OF WATER RESOURCES  
GROUNDWATER MANAGEMENT SUPPORT SECTION**

500 North Third Street, Phoenix, Arizona 85004-3903  
Phone (602) 417-2470 Fax (602) 417-2422

**REQUEST FORM TO CHANGE WELL INFORMATION  
OWNERSHIP \* DRILLER \* VARIANCE**

Please complete the appropriate section of this request form and return to the above address with applicable fee.  
**NOTE:** A.R.S. § 45-593.C requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty days after changes take place.

**SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.**

**1. CHANGE OF WELL INFORMATION: (NO FEE REQUIRED)**

**NOTE:** If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

WELL REGISTRATION NO. 55- 549151 FILE NO: D(4-9)28 BDC

If known, I/We request the following well information be changed: \_\_\_\_\_

NAME CHANGE ONLY

Date \_\_\_\_\_ Signature of Current Well Owner \_\_\_\_\_

**2. STATEMENT OF CHANGE OF WELL OWNERSHIP: (\$10.00 FEE REQUIRED)**

**NOTE:** If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate fee of \$10.00.

I, \_\_\_\_\_, state that I am the Previous/New Owner of the well described below:

       ¼        ¼        ¼ of Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
10 Acre      40 Acre      160 Acre

Well Registration No. 55- See attached File No.: \_\_\_\_\_ (if known)

Magma Copper Company BHP Copper Inc.  
**PRINT** Previous Owner's Name **PRINT** New Owner's Name

7400 North Oracle Road, Suite 200 7400 North Oracle Road, Suite 200  
Mailing Address Mailing Address

Tucson Arizona 85704 Tucson Arizona 85704  
City State Zip City State Zip

520-575-5600 520-575-5600  
Telephone Number Telephone Number

Signature of Previous/New Well Owner By: [Signature] Date 4-23-98  
Title: Land Manager

ENTERED APR 26 1998

**ARIZONA DEPARTMENT OF WATER RESOURCES**  
**GROUNDWATER MANAGEMENT SUPPORT SECTION**  
500 North Third Street, Phoenix, Arizona 85004-3903  
Phone (602) 417-2470 Fax (602) 417-2422

**3. REQUEST TO CHANGE WELL DRILLER     \$10.00 FEE REQUIRED FOR EACH WELL**

This request must be received by this Department and the Drill Card issued to the new drilling firm prior to the drilling or completion of any well.

Well Registration No. 55- \_\_\_\_\_ File No: \_\_\_\_\_

\_\_\_\_\_  
Original Well Driller

\_\_\_\_\_  
New Well Driller

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
ADWR License Number

\_\_\_\_\_  
ADWR License Number

\_\_\_\_\_  
R.O.C. License Category

\_\_\_\_\_  
R.O.C. License Category

\_\_\_\_\_  
Typed or Printed Name of Well Owner

\_\_\_\_\_  
Signature of Well Owner

\_\_\_\_\_  
Date

The fee charge for well ownership and reissue of drill card is authorized by R12-15-151, effective June 30, 1994.

**4. REISSUE OF DRILLING AUTHORITY FOR VARIANCE REQUEST: (\$10.00 EACH WELL)**

**NOTE:** If extraordinary or unusual conditions exist, after the initial drilling authority has been issued, the well owner or well driller may request a variance from the provisions of R12-15-811.

WELL REGISTRATION NO. 55- \_\_\_\_\_ FILE NO: \_\_\_\_\_

**I/WE REQUEST THE FOLLOWING WELL DRILLING AUTHORITY BE REISSUED PER THE ATTACHED VARIANCE REQUEST:**

Signature of Well Owner/Well Driller \_\_\_\_\_ Date \_\_\_\_\_

## NAME: MAGMA COPPER CO

GRID: A 10

REPORT NO: WL9020

ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT  
OPERATIONS DIVISION

PAGE 5,085

REPORT DATE: 1/31/96

\*\*\* WELLS SEQUENCED BY ALPHABETICAL ORDER \*\*\*

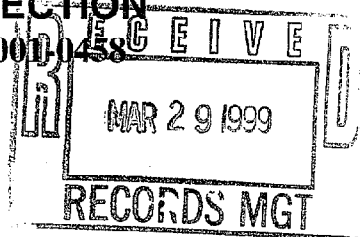
FULL-NAME	Q U A D	T O W N	R N G E	S E C T	Q T R 1 2 3	REG NO	WELL DEPTH	DEPTH CASED	CD AI SA EM	WATER LEVEL	PUMP (GPM)	WELL DRILL DATE	DRL LIC NO.	WTR USE	WS AH TE RD	L O R G T	C O N	O W N
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	AZ	D	4.0	9.0	28 B D C	55-549148							360	M	15	I	N	
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	AZ	D	4.0	9.0	28 B D C	55-549149	0630	0627	04	0156		6/07/1995	360	M	15	X	N	
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	AZ	D	7.0	9.0	28 B D C	55-549150	0459	0455	05	0154		6/14/1995	360	M	15	X	N	
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	AZ	D	4.0	9.0	22	55-541016							028	N	15	I	N	
MAGMA COPPER CO 14605 E HUNT HWY FLORENCE	AZ	D	4.0	9.0	28 B D C	55-549151	0680	0621	06	0156		6/04/1995	360	M	15	X	N	
MAGMA COPPER CO BOX 100 MIAMI	AZ	A	1.0	14.0	19	55-514127						7/15/1986	075	N	07	X	N	X
MAGMA COPPER CO BOX 100 MIAMI	AZ	A	1.0	14.0	20	55-514128						7/23/1986	075	N	07	X	N	X
MAGMA COPPER CO BOX 100 MIAMI	AZ	A	1.0	14.0	19	55-514129	0078		04			5/19/1986	075	N	07	X	N	X
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	AZ	D	4.0	9.0	28 C D A	55-549153	0395	0385	05	0133		5/11/1995	360	M	15	X	N	
MAGMA COPPER CO 145 S REDDINGTON RD SAN MANUEL	AZ	D	9.0	17.0	29 D D A	55-546540	0050	0025	04	0041		11/21/1994	533	M	11	X	N	
MAGMA COPPER CO PO BOX 100 MIAMI	AZ	A	1.0	13.0	24 B B C	55-544545	0182		02	0062		10/06/1994	533	T	07	X	N	

P19.1-0

# ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION

MAIL TO: P. O. BOX 458 - PHOENIX ARIZONA 85001-0458

Phone (602) 417-2470



## COMPLETION REPORT

(Pump Installation Report)

1. Per A.R.S. § 45-6000, the Completion Report is to be filed with the Department within 30 days after installation of pump equipment by the registered well owner.
2. Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operations. For a flowing well the shut-in pressure should be measured in feet above the land surface or in pounds per square inch at the land surface.
3. The static groundwater level should be measured in feet from the land surface immediately prior to the capacity test.
4. The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well be measuring the natural flow at the land surface.

REGISTRATION NO: 55- 549151

FILE NO: D(4-9)28 BDC

### LOCATION OF THE WELL:

4 NS 9 EW 28 1/4 SW 1/4 SE 1/4 NW  
 Township Range Section 10-acre 40-acre 160-acre

### EQUIPMENT INSTALLED:

Kind of pump Stainless Steel Submersible Kind of power Electric  
 Turbine, Submersible, Centrifugal, etc. Electric, natural gas, gasoline, etc.

H.P. Rating of Motor 5 Pumping Capacity 40 gpm Date Pump Installed 1-12-96

### WELL TEST:

Test pumping capacity 40 Date Well Tested 1-12-96  
 Gallons per minute

Method of Discharge Measurement 5 Gallon Bucket & Stopwatch  
 Weir, orifice, current meter, etc.

Static Groundwater Level 153.36 ft. Drawdown 185 ft.

Total Pumping Lift \_\_\_\_\_ ft. Drawdown \_\_\_\_\_ lbs  
 (Flowing Well)

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

BHP Copper  
 Print Well Owner's Name Florence Project Address City State Zip  
 14605 East Hunt Highway  
 Florence, AZ 85232

Signature of Well Owner Ph: (520) 868-4711 Fax: (520) 868-0463 Phone Number Date  
Carolla Hoag, Senior Geologist 3/26/99

DWR 55-56 (Rev 6/98)

APR 1 1999

mailed 3/26/99

# ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street  
Phoenix, Arizona 85004 Telephone (602) 417-2470

## 3. REQUEST TO CHANGE WELL DRILLER \$10.00 FEE REQUIRED FOR EACH WELL

This request must be received by this Department and the Drill Card issued to the new drilling firm PRIOR to the drilling or completion of any well.

Well Registration No. 55- 549151 File No. D(4-9)28 bdc

BOYLES BROTHERS DRILLING  
Original Well Driller

ARIZONA BEEMAN DRILLING LLC.  
New Well Driller

6527 W. NORTHVIEW AVE.  
Mailing Address GLENDALF, AZ 85301

P.O. Box 3370 APACHE JUNCTION, AZ. 85217  
Mailing Address

28  
ADWR License Number

360  
ADWR License Number

CLASS A-04 - 076 - 386 - 002  
R.O.C. License Number

CLASS A-04 - 102429  
R.O.C. License Number

JOHN T. KLINE John T. Kline 5/31/95  
Typed or Printed Name of Well Owner Signature of Well Owner Date

The fee charge for well ownership and reissue of drill card is authorized by R12-15-151, effective June 30, 1994.

ENTERED JUN 20 1995

DWR-55-71-8/94(Rev)

JUN 6 1995

P19-0



# ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street  
Phoenix, Arizona 85004 Telephone (602) 417-2470

## REQUEST FORM TO CHANGE WELL INFORMATION OWNERSHIP \* DRILLER

Please complete the appropriate section of this request form and return to the above address with applicable fee. **NOTE:** A.R.S. §45-593.C. requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty (30) days after changes take place.

**SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.**

### 1. CHANGE OF WELL INFORMATION

**NO FEE REQUIRED**

**NOTE:** If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

Well Registration No. 55-\_\_\_\_\_ File No. \_\_\_\_\_ (If known)

I/We request the following well information be changed: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date \_\_\_\_\_ Signature of Current Well Owner \_\_\_\_\_

### 2. STATEMENT OF CHANGE OF WELL OWNERSHIP

**\$10.00 FEE REQUIRED**

If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate \$10.00.

I, \_\_\_\_\_, state that I am the **Previous/New Owner** of the well described below:

\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$ ; Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
10 acre 40 acre 160 acre

Well Registration No. 55-\_\_\_\_\_ File No. \_\_\_\_\_ (If known)

PRINT Previous Owner's Name \_\_\_\_\_

PRINT New Owner's Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Telephone \_\_\_\_\_

Date \_\_\_\_\_ Signature of Previous/New Well Owner \_\_\_\_\_

DWR-55-71-8/94(Rev)

**ARIZONA DEPARTMENT OF WATER RESOURCES  
OPERATIONS DIVISION**

500 North Third Street  
Phoenix, Arizona 85004-3903  
Phone (602) 417-2470

**REISSUE**

**DUPLICATE**

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO. 55-549148 THRU 55-549152

AUTHORIZED DRILLER: ARIZONA BEEMAN DRILLING

LICENSE NO. 360

NOTICE OF INTENTION TO DRILL A MONITOR WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

Owner of Well(s)

MAGMA COPPER COMPANY

14605 WEST HUNT HIGHWAY

FLORENCE

AZ 85232

The well(s) is/are to be located in:

SW 1/4 SE 1/4 NW 1/4  
10 acre 40 acre 160 acre

Section 28

Township

4.0 SOUTH

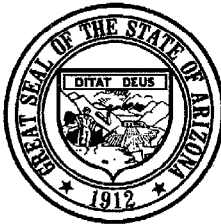
Range

9.0 EAST

NUMBER OF WELLS IN PROJECT: 5

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON MAR 30TH, 1996

THE DRILLER SHALL FILE A LOG OF THE WELL WITHIN 30 DAYS OF  
COMPLETION OF DRILLING.



  
CHIEF, OPERATIONS DIVISION

## MONITOR/PIEZOMETER WELL

FILING FEE \$10.00

ARIZONA DEPARTMENT OF WATER RESOURCES  
OPERATIONS DIVISION500 NORTH THIRD STREET  
PHOENIX, ARIZONA 85004 (602) 417-2470

## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

MONITOR/PIEZOMETER WELL  
DEPARTMENT OF WATER RESOURCES  
FILING FEE \$10.00

MAR 31 1995

OPERATIONS DIV.

085-4

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department.

## 1. WELL LOCATION:

4 N 90°W 28  
Township Range SectionSW 1/4 SE 1/4 NW 1/4  
10 ACRE 40 ACRE 160 ACRE

## 2. Position location of the well on the land:

Latitude 33 0 3 ' 15 "

Longitude 111 0 26 ' 15 "

## 3. County: PINAL

## 4. Owner of the land of wellsite:

MAGMA COPPER COMPANY  
Name  
14605 WEST HUNT HIGHWAY  
Address  
FLORENCE AZ 85232  
City State Zip

## 5. Lessee of the land of wellsite:

Name  
Address  
City State Zip

## 6. Owner of well:

MAGMA COPPER COMPANY  
Name  
14605 WEST HUNT HIGHWAY  
Address  
FLORENCE AZ 85232  
City State Zip

## 7. Consulting Firm: BROWN AND CALDWELL

Contact Person: STEVE MELLON

Phone: (602) 222-4445

## 8. Purpose of well drilled pursuant to this notice

Monitor ☒Piezometer ☐

## 9. If for deepening or modifying, Well Registration Number

55- \_\_\_\_\_

## 10. Construction will start:

APRIL 1995  
Month Day Year

## 11. Period well will remain in

use 1 Months ☒ Years

## 12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒

(a) If yes, design pump capacity \_\_\_\_\_

(b) What use will be made of the water \_\_\_\_\_

## 13. Drilling firm:

BOYLES BROTHERS DRILLING  
Name  
6527 W. NORTHVIEW AVE.  
Address  
GLENDALE AZ 85301  
City State Zip

DWR License No. 28

CLASS A-04 076-386-002  
ROC License classification

## 14. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?

Yes ☐ No ☒DO NOT WRITE IN THIS SPACE  
OFFICE RECORD

File No. D(4-9)28 BDC

Filed 3/31/95 By DL

Input ENTERED APR 20 1995

## DUPLICATE

Mailed 4/12/95 By DL

Registration 55- 549151

AMAZONA PINAL

W/S 08 S/B 11

## 16. Proposed method of abandonment of well after project is completed: ACCORDING TO REGULATION R-12-15-816

## 17. Is this well to monitor existing contamination? No Potential contamination No Please explain: \_\_\_\_\_

## GENERAL INSTRUCTIONS

- Fill out this form in **DUPLICATE** and send **WITH \$10.00 FEE** to 500 NORTH THIRD STREET, PHOENIX, AZ 85004
- For specific instructions, limitations and conditions, see the reverse side of this form.
- Must be signed by land owner or lessee.
- Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

JOHN T. KLINE  
Typed or Printed NameJohn T. Kline  
Signature [X] Land Owner [ ] Lessee of wellsite3/17/95  
Date

18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? \_\_\_\_\_  
 If construction plans have been coordinated with Arizona Department of Water Resources, who is the agency contact? \_\_\_\_\_
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) MUD ROTARY
- b) Borehole diameters: 13 3/4 inches from 0 feet to 20 feet.  
8 3/4 inches from 20 feet to 545 feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)  
 material STEEL diameter 9 5/8 inches from 0 feet to 20 feet  
 material PVC SCHD 80 diameter 4 inches from 20 feet to 435 feet
- d) Method of sealing at reductions \_\_\_\_\_
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)  
 material CEMENT GROUT method TREMIE from 0 feet to 20 feet  
 material BENTONITE GROUT method TREMIE from 20 feet to 425 feet
- f) Filter packs (state material):  
 material COLORADO SILICA SAND #6-9 MESH from 425 feet to 545 feet  
 material \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- g) Perforations or screen specifications:  
 type .080 INCH SLOT PVC SCHD 80 from 435 feet to 535 feet  
 type \_\_\_\_\_ from \_\_\_\_\_ feet to \_\_\_\_\_ feet
- h) Method of well development (bail, air lift, surge) AIR LIFT AND JETTING
- i) Will surface or conductor casing extend above grade: Yes \_\_\_\_\_ No X
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

### CONDITIONS

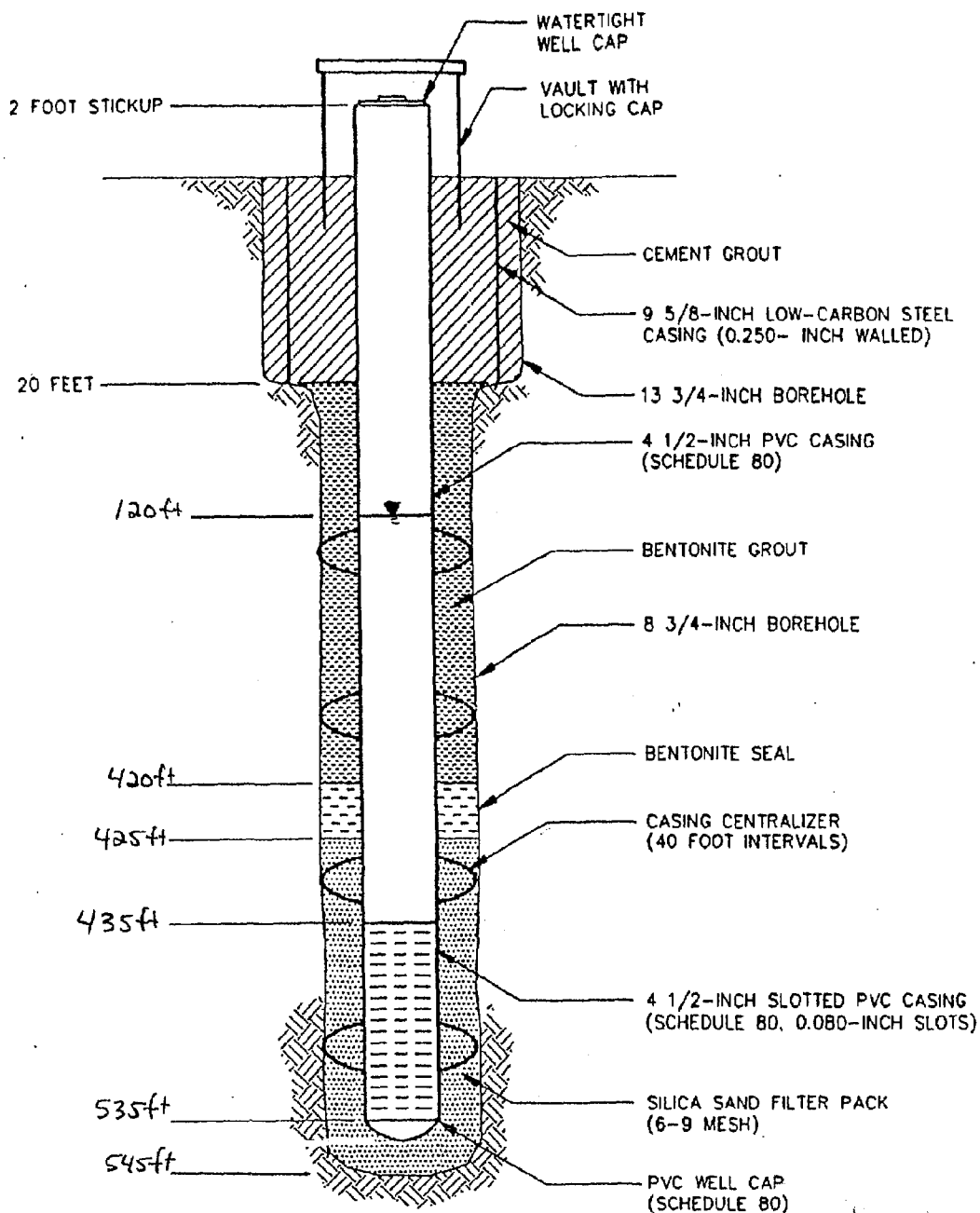
- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A Completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. Special construction standards required pursuant to A.A.C. Rule R12-15-821: \_\_\_\_\_

0133  
085-3  
085-4

DEPARTMENT OF WR

MAR 21 1995

OPERATIONS DIV.



NOTES:

1. PVC = POLYVINYL CHLORIDE
2. CASING DIMENSIONS ARE OUTSIDE DIAMETER

**WELL DESIGN**

**BROWN AND CALDWELL**

## ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004  
Telephone (602) 417-2470  
Fax (602) 417-2401



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

April 12, 1995

Magma Copper Company  
14605 West Hunt Highway  
Florence, AZ 85232

RE: Registration No. 55-549148 thru 55-549151

File No. D(4-9)28BDC

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill a well. This is returned to you as evidence of compliance with A.R.S. §45-596. A drilling card has been mailed to your designated driller. Prior to drilling he must have it in his possession.

Since this well is being drilled as a Monitor well, or for Cathodic Protection, Grounding, Geotechnical or Piezometer purposes, our standard driller report form is also being furnished to the driller. He is required to complete it and return it to the Department within 30 days after the completion of the well. A Completion Report form is being furnished for monitor wells where pump installation is authorized. This must be completed within thirty days of installation as required by A.R.S. §45-600.

A Change of Well Information form is enclosed for your future use. If you deem it necessary to change the location of the proposed well, please notify the Department on the enclosed form. A properly amended Drilling Card will then be issued and must be in possession of the driller before drilling begins. During the drilling of a new well, if it is determined that it must be abandoned, then a Well Abandonment Completion Report must be submitted per R12-15-816.F.

Per A.R.S. §45-593, the person to whom a well is registered shall notify this Department of a change of ownership of the well and/or information pertaining to the physical characteristics of the well, in order to keep the well registration file current and accurate.

For additional information, you may contact the Operations Division at (602) 542-1581.

Sincerely,

Dorothy Boggs  
Groundwater Permit Specialist

# RECEIPT

18495

BROWN & CALDWELL  
3636 N. CENTRAL AVE., STE. 300  
PHOENIX, AZ 85012

MAGMA COPPER COMPANY

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
OPERATIONS DIVISION  
15 SOUTH 15TH AVENUE  
PHOENIX, ARIZONA 85007  
(602) 542-1581

ENTRY CODE 55

FILE NO. 55-549128

THRU

55-549182

ITEM DESCRIPTION	RATE	AMOUNT
FILING FEE FOR NOI TO DRILL A WELL	10.00	550.00
REG. NO. 55-549128 THRU 55-549182		
FILE NO. VARIOUS		

**PAID**

CHECK NO. 7548 FEE ACCOUNT NO. \_\_\_\_\_ TOTAL \$ 550.00

CHIT NO. \_\_\_\_\_ RECEIVED BY \_\_\_\_\_ DB DATE 04-12-95

**ARIZONA DEPARTMENT OF WATER RESOURCES  
OPERATIONS DIVISION**

500 North Third Street  
Phoenix, Arizona 85004-3903  
Phone (602) 417-2470

**DUPLICATE**

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO. 55-549148 THRU 55-549151

AUTHORIZED DRILLER: BOYLES BROTHERS DRILLING

LICENSE NO. 28

NOTICE OF INTENTION TO DRILL A MONITOR WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

Owner of Well(s)

MAGMA COPPER COMPANY

14605 WEST HUNT HIGHWAY

FLORENCE

AZ 85232

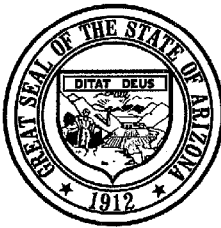
The well(s) is/are to be located in:

SW 1/4 SE 1/4 NW 1/4 Section 28 Township 4.0 SOUTH Range 9.0 EAST  
10 acre 40 acre 160 acre

NUMBER OF WELLS IN PROJECT: 4

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON MAR 30TH, 1996

THE DRILLER SHALL FILE A LOG OF THE WELL WITHIN 30 DAYS OF  
COMPLETION OF DRILLING.



  
CHIEF, OPERATIONS DIVISION